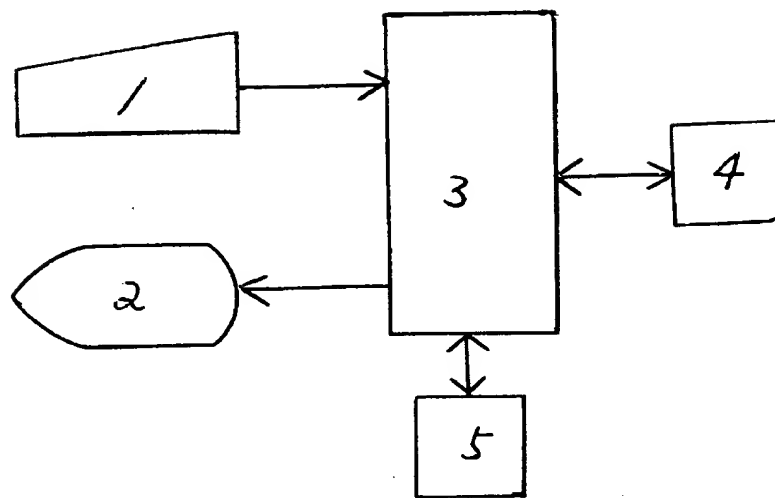




Figure 1 Block diagram

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A block diagram of the invention system



- 1: Input system
- 2: Output system
- 3: Control system, including the control of all the system, being adapted to inputting and outputting the text characters on the display, edit characters in the text, and making such conversion as the input characters to an appropriate word or a combination of words, etc.
- 4: Memory system
- 5: Dictionary system

Figure 2 Flowchart

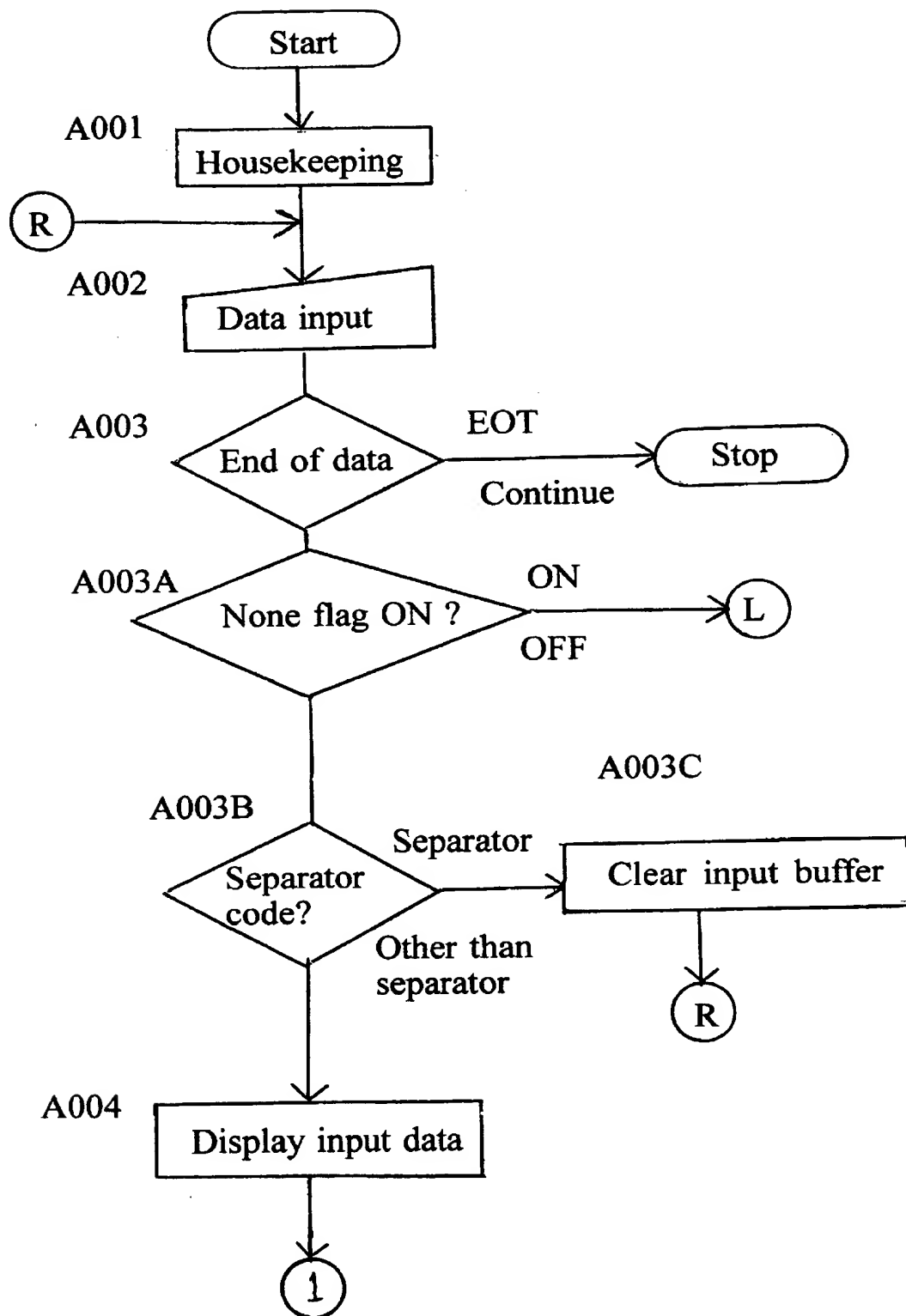


Figure 3 Flowchart

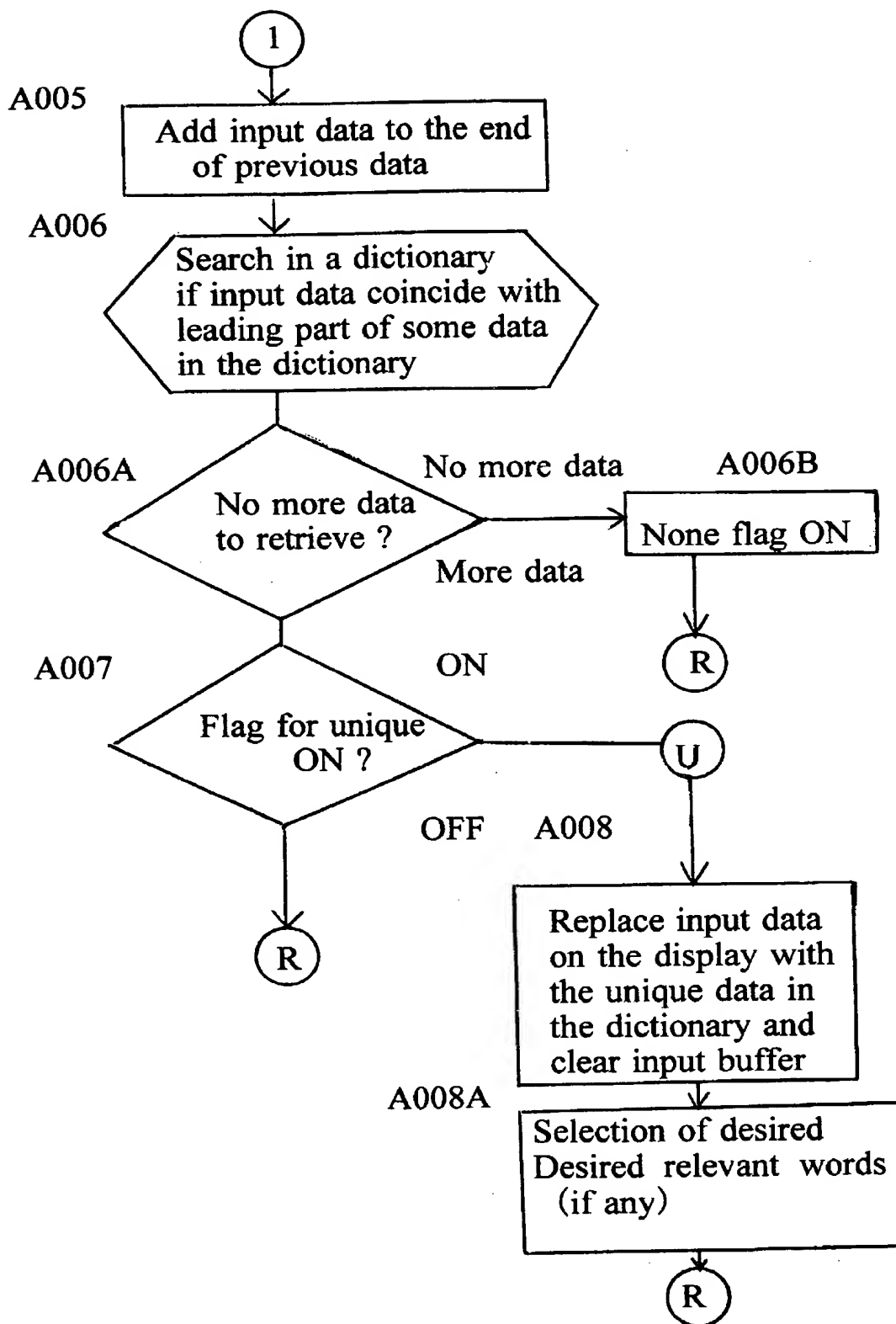


Figure 4 Flowchart

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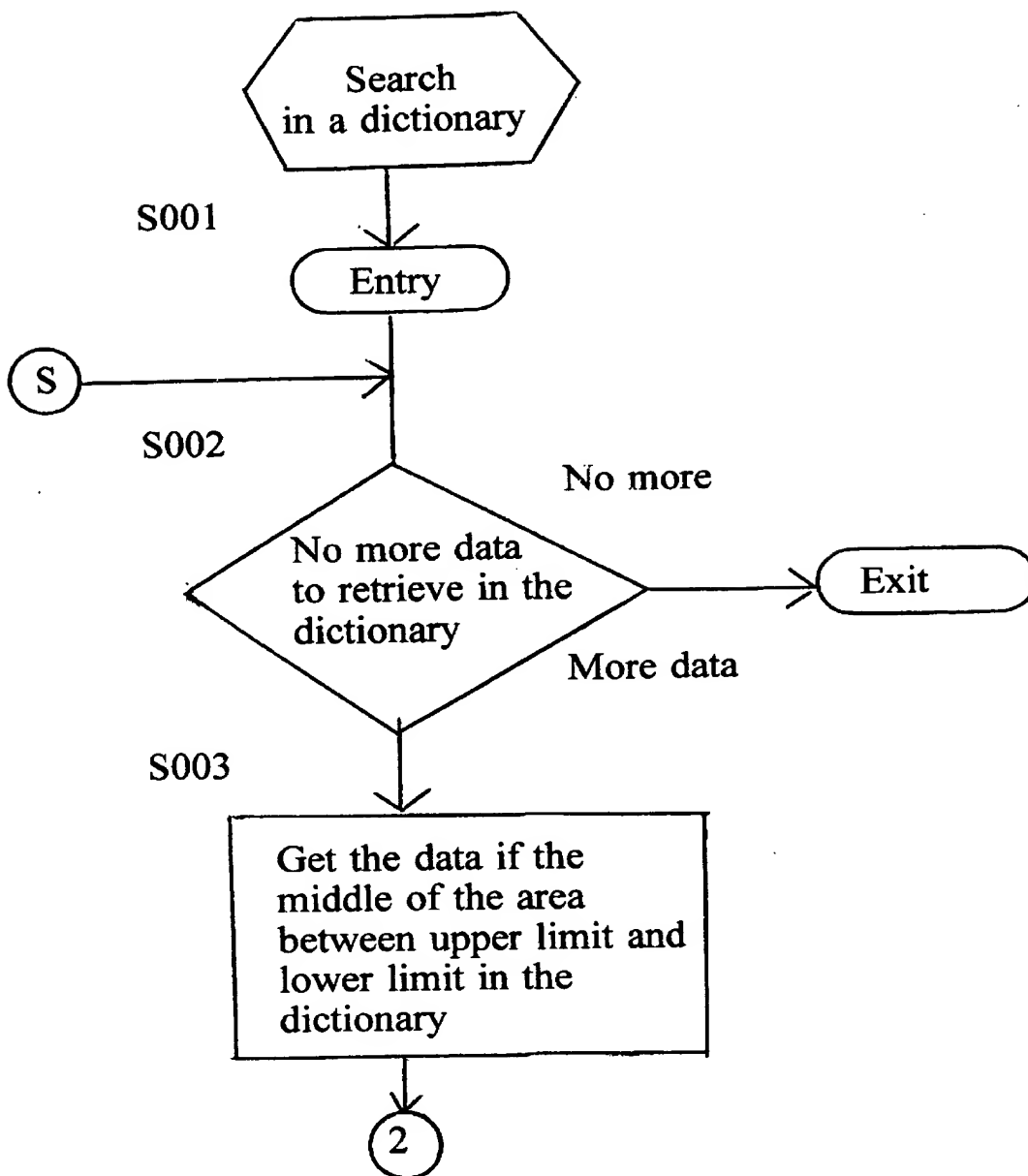




Figure 5 Flowchart

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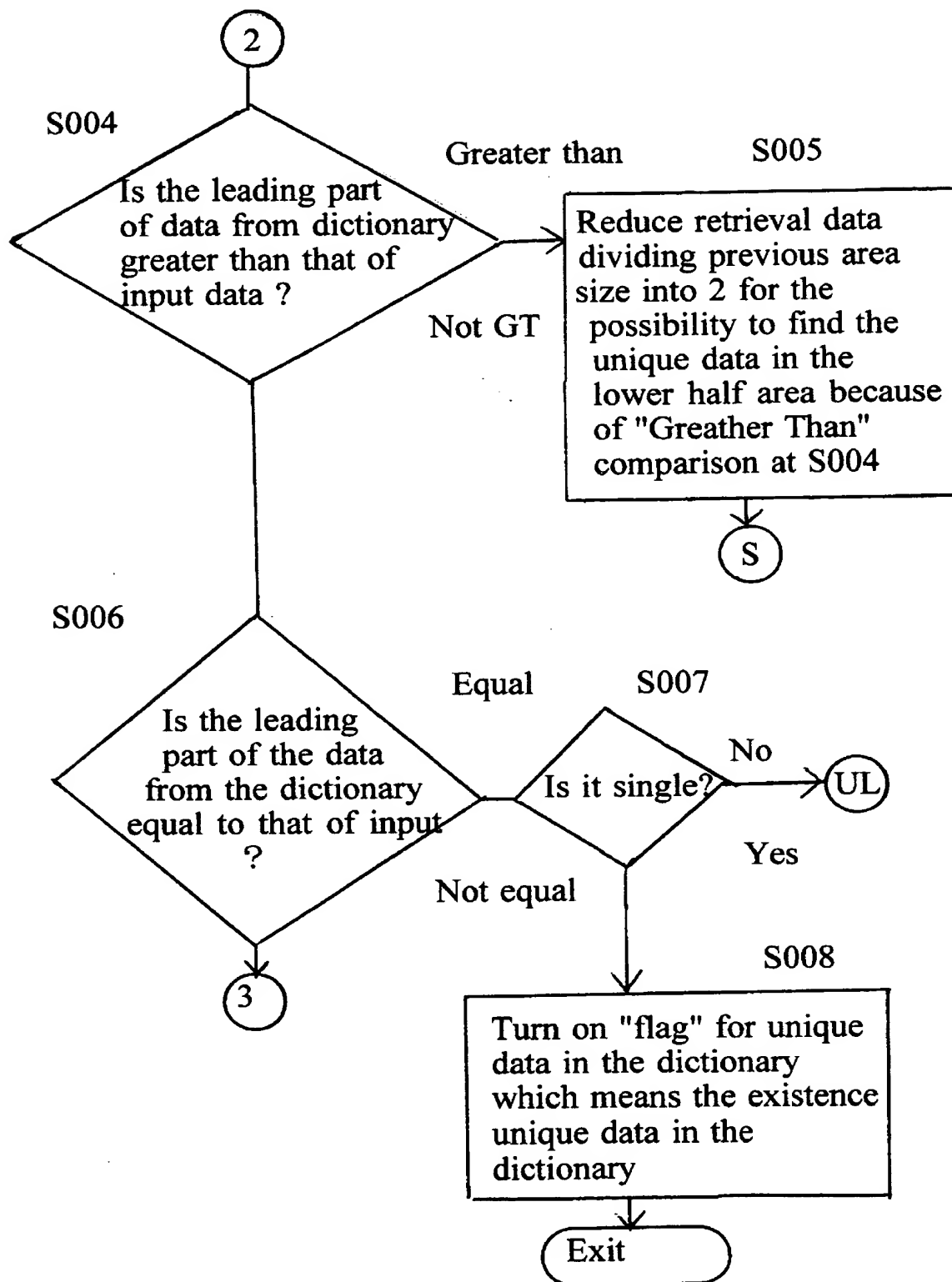
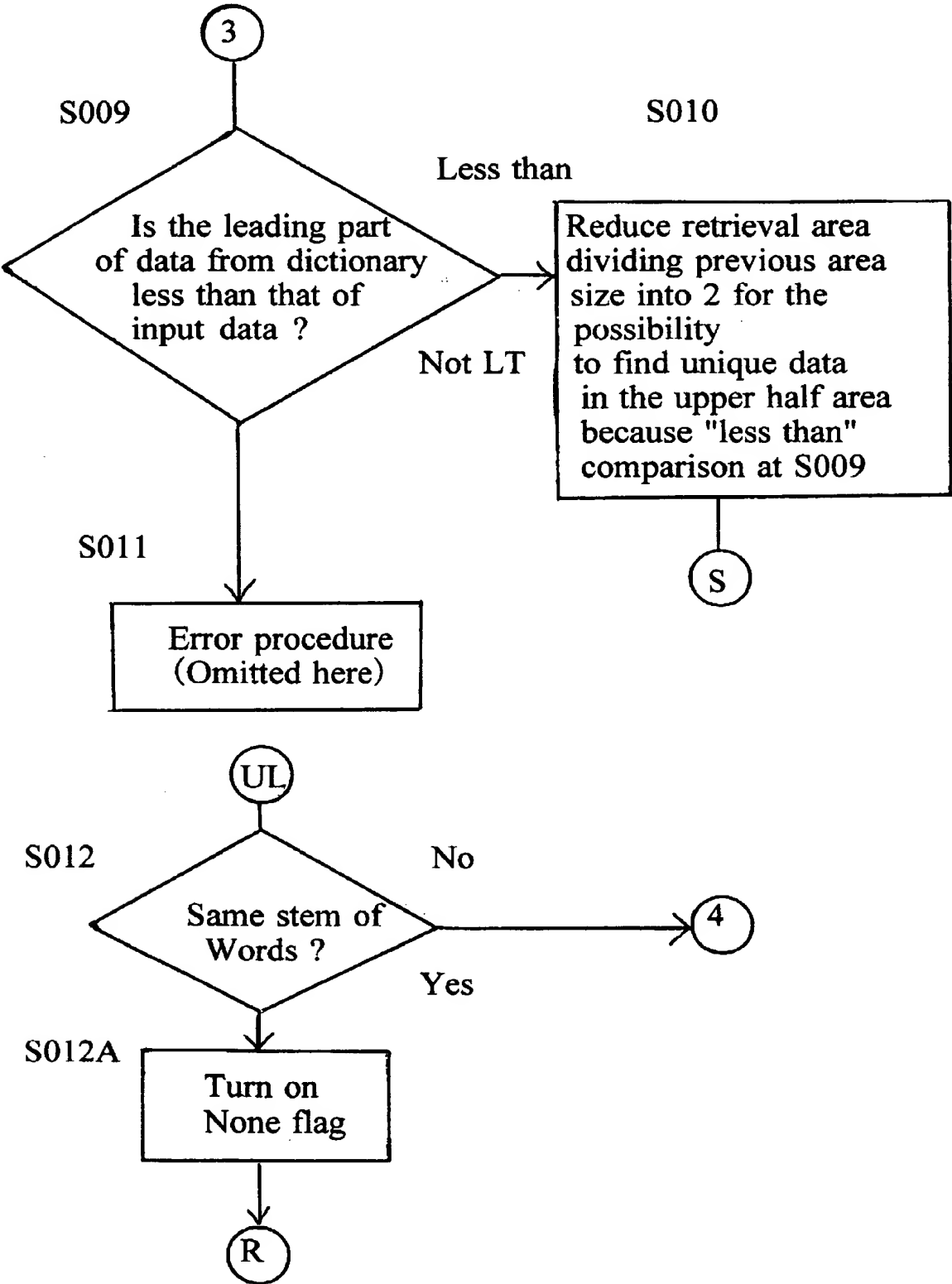




Figure 6 Flowchart



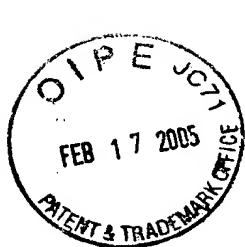


Figure 7 Flowchart

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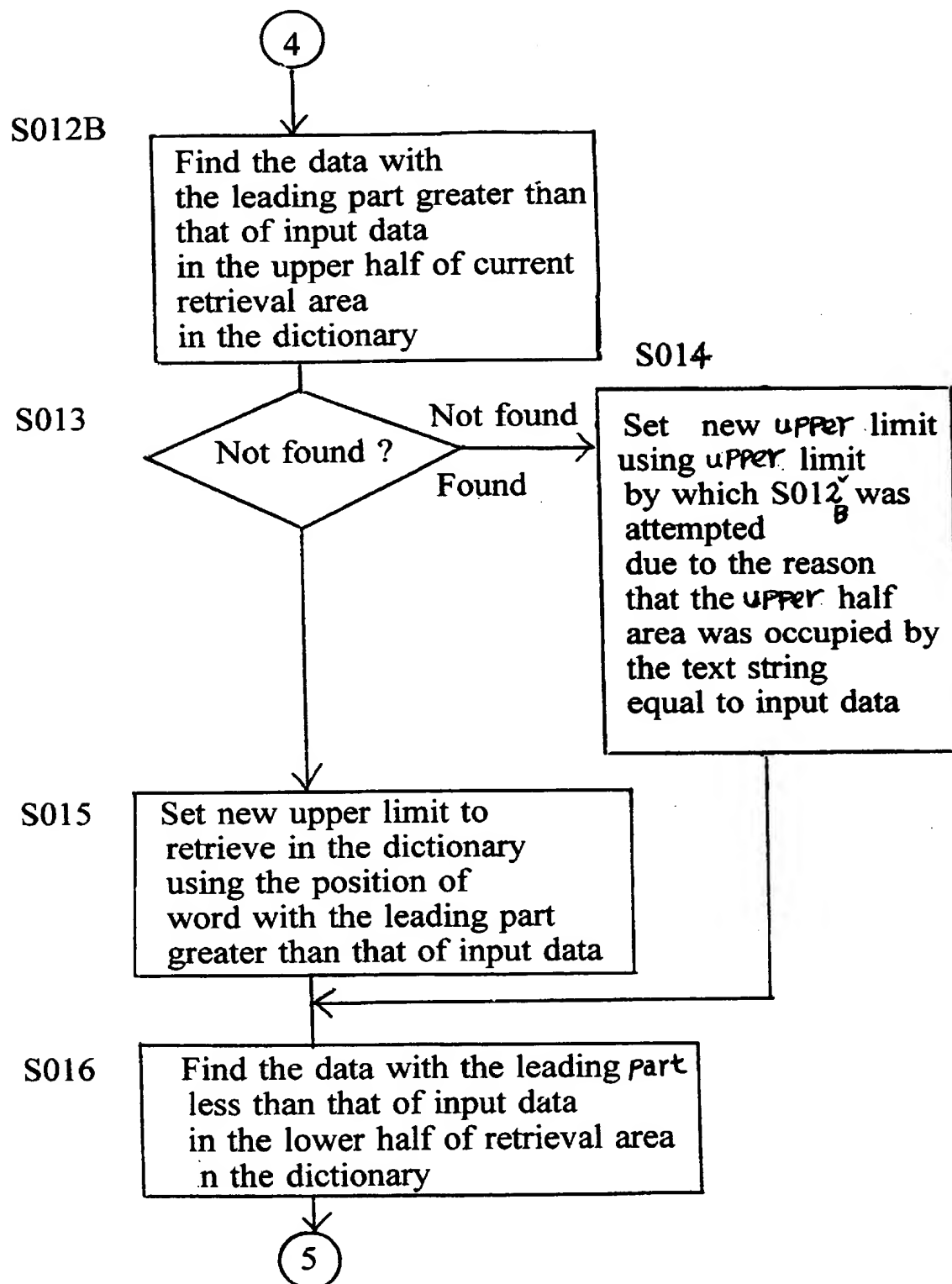


Figure 8 Flowchart

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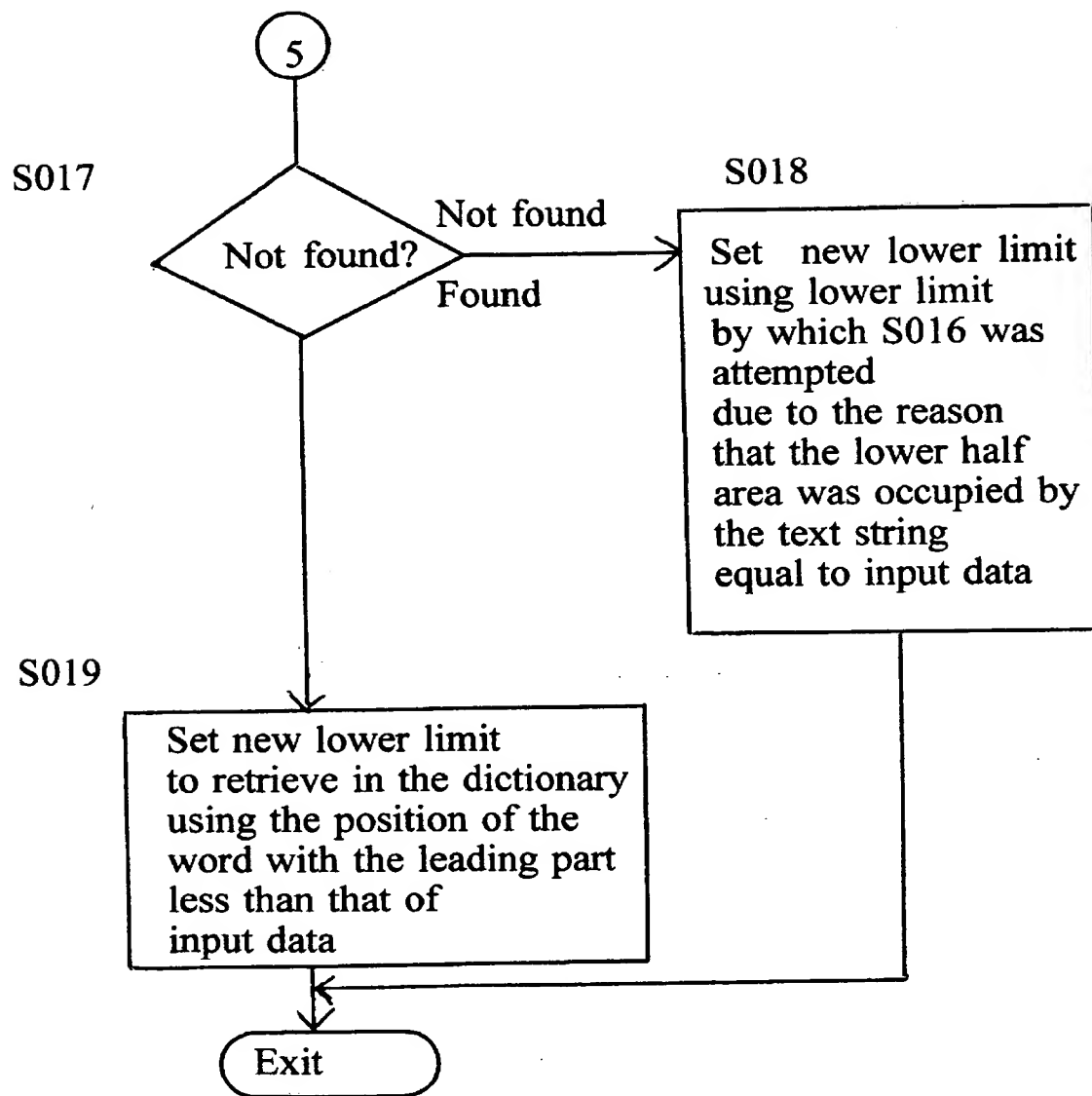




Figure 9 Flowchart

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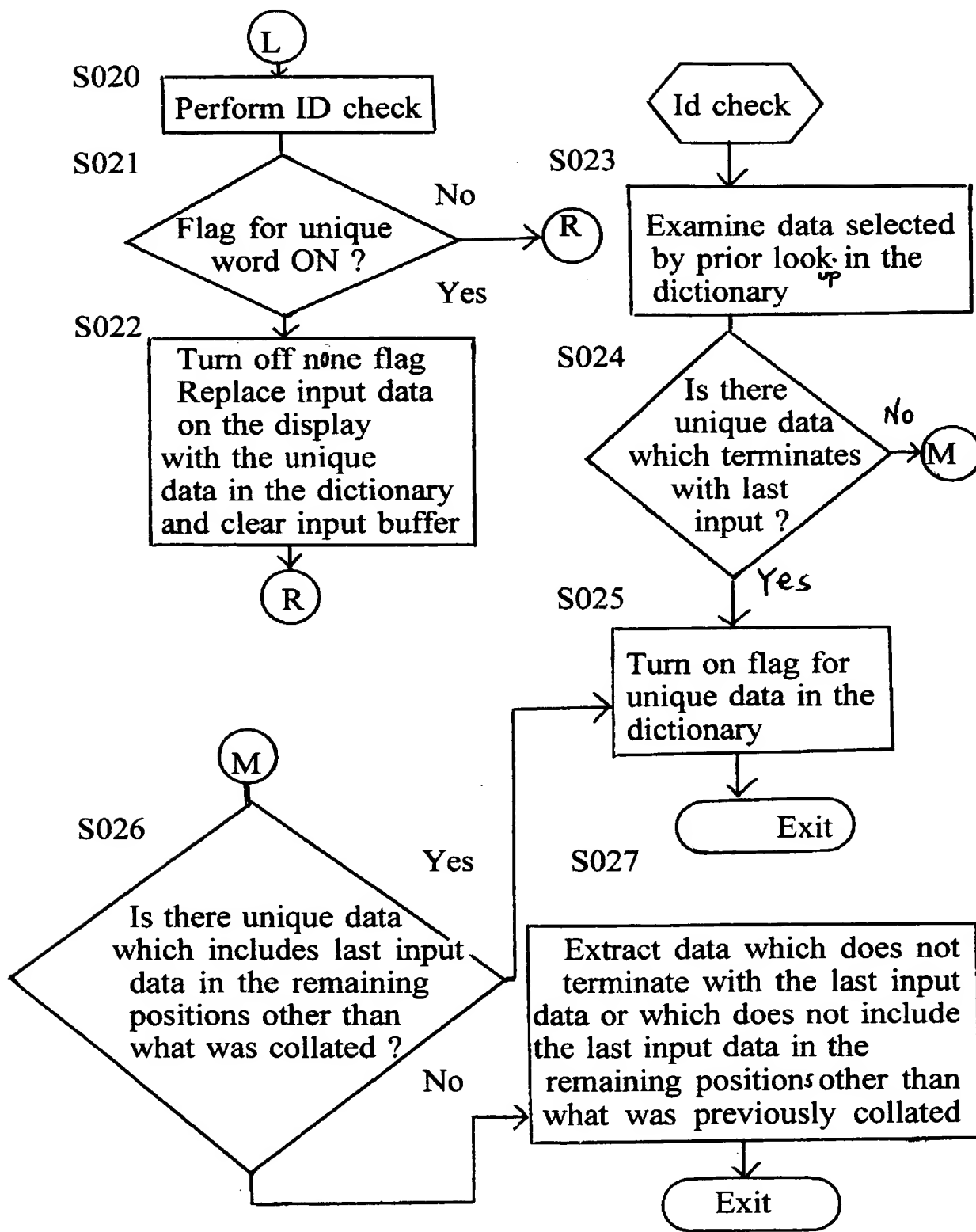


Figure 10 Flowchart

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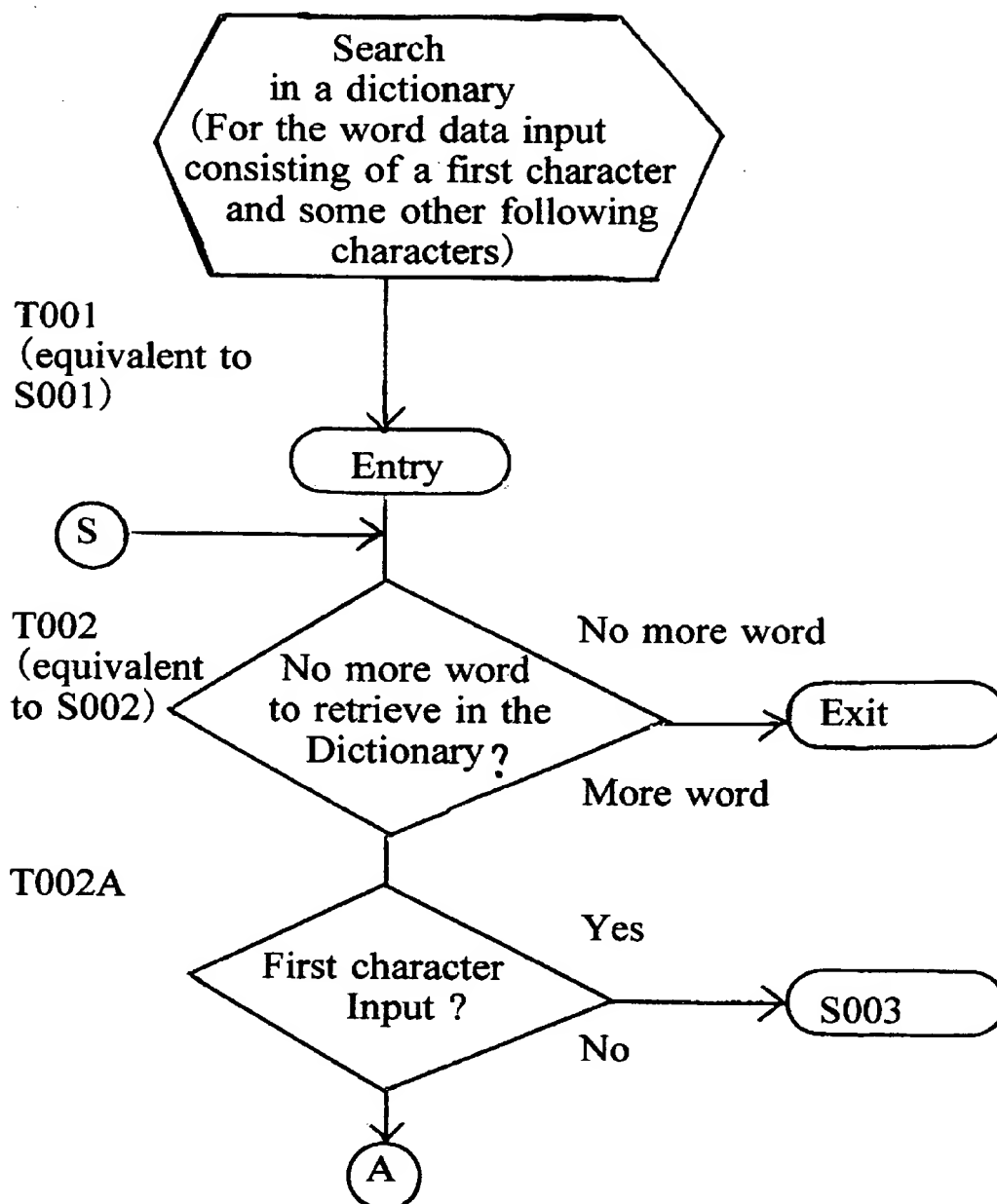
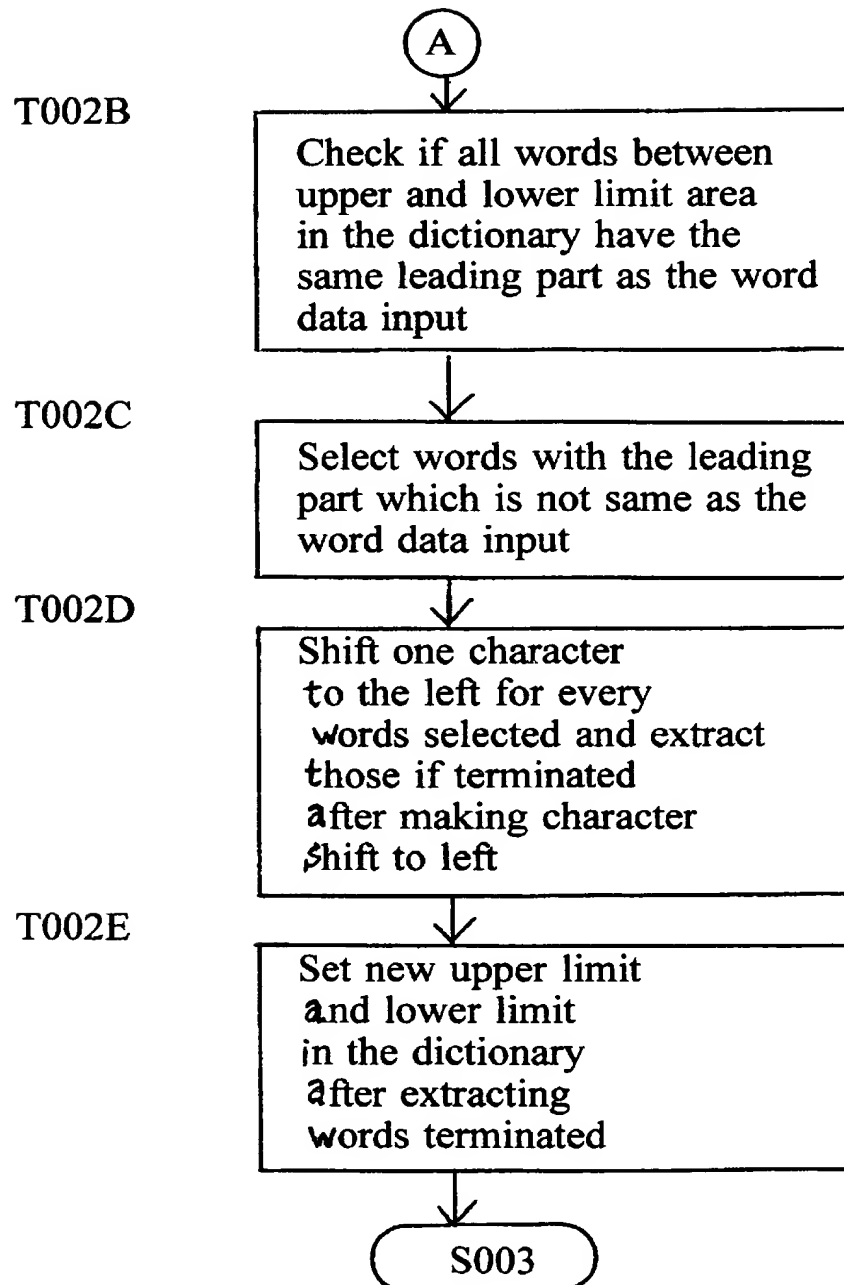




Figure 11 Flowchart

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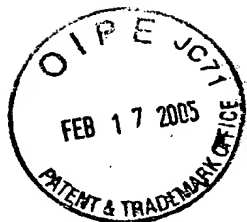


Figure 12

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Word pattern element data dictionary - Examples

# Handwriting character pattern element codes Original word characters

1 00 01 01 10 02 00 30 11 11 11 修  
 / | | / - / \ / / /

2 00 20 12 02 01 20 10 02 25 12 02 01 45 55 録

3 02 01 12 11 02 正

4 02 11 25 12 12 00 30 更

5 04 01 10 20 12 02 01 10 20 除

6 11 20 10 01 24 12 12 11 05 削

7 14 20 30 10 10 12 11 25 12 20 10 02 登

7 \ \ / / - | 7 - \ / -  
 |

/ / \ \  
 | | '  
 - - -

3 7 1 3 c >  
 J ] 7 L > <

S



Figure 13 Dictionary

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Line of text	Original words	Relevant words
easi	easily	
east	east	eastern, eastward
easy	easy	
eat	eat	
eb	ebb	
ecc	eccentric	
eco	economic	economical, economics, economy
ede	eden	
edib	edible	
edif	edifice	
edit	edit	edition, editor, editorial
edu	educate	education, educational
effe	effect	effective
egg	egg	
egy	egypt	egyptian
eig	eight	eighteen, eight, eighty, either
elab	elaborate	
elap	elapse	
elas	elastic	
elb	elbow	
eld	elder	
el	el dorado	
elect	electric	electrical, electricity electron, electronic, electronica
electi	election	
eleg	elegance	elegant, elegy
elem	element	elemental, elementary
elep	elephant	
elev	elevate	elevator, eleven, eleventh

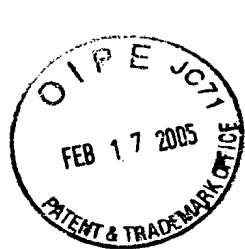


Figure 14 Dictionary II

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Original word    The number of character positions to be unique

easily	4
east	4
eastern	5
eastward	5
easy	4
eat	3
ebb	2
eccentric	3

("entric" is supplied from dictionary )

echo	3
economic	8

economical	(omitted here)
economy	
eden	
edible	
edifice	
edit	
edition	
editor	
editorial	
educate	
education	
educational	
effect	
effective	
efficiency	
efficient	
effort	